

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081526.D
 Acq On : 21 Mar 2024 17:48
 Operator : JC\MD
 Sample : P1798-09 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-9

Quant Time: Mar 22 05:10:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	506510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	900157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	777823	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	329527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	318960	49.380	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.760%		
35) Dibromofluoromethane	8.165	113	268238	47.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	10.571	98	1039658	50.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.847	95	341971	47.260	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	94.520%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.995	94	1268	0.235	ug/l #	6
11) Tert butyl alcohol	5.506	59	456	0.405	ug/l #	72
13) Acrolein	4.183	56	585	0.579	ug/l #	15
16) Acetone	4.448	43	12019	5.758	ug/l	91
18) Methyl Acetate	5.042	43	1959	0.304	ug/l #	54
20) Methylene Chloride	5.289	84	1950	0.285	ug/l #	67
25) 2-Butanone	7.494	43	3617	1.010	ug/l	91
31) Cyclohexane	8.230	56	15369	1.462	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	39265	4.107	ug/l #	52
38) Carbon Tetrachloride	8.230	117	54998	5.251	ug/l #	17
39) Methylcyclohexane	9.606	83	2205	0.207	ug/l #	52
40) Benzene	8.606	78	3332139	119.217	ug/l	96
42) 1,2-Dichloroethane	8.606	62	28406	2.888	ug/l #	75
43) Isopropyl Acetate	8.688	43	18395	1.356	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	1755	0.212	ug/l	94
52) Toluene	10.629	92	1154111	64.965	ug/l	98
53) t-1,3-Dichloropropene	10.635	75	14558	1.340	ug/l #	1
54) cis-1,3-Dichloropropene	10.359	75	3345	0.287	ug/l #	60
55) 1,1,2-Trichloroethane	10.882	97	10987	1.537	ug/l #	17
56) Ethyl methacrylate	10.888	69	969	0.670	ug/l #	20
59) 2-Hexanone	11.171	43	7726	1.262	ug/l #	26
67) Ethyl Benzene	11.965	91	95798	2.999	ug/l	94
68) m/p-Xylenes	12.071	106	189066	15.790	ug/l	97
69) o-Xylene	12.400	106	119824	10.193	ug/l	97
70) Styrene	12.412	104	19738	1.041	ug/l #	11
76) 1,2,3-Trichloropropane	12.847	75	177932	22.573	ug/l #	1
78) n-propylbenzene	13.035	91	8486	0.256	ug/l	100
79) 2-Chlorotoluene	13.106	91	5764	0.290	ug/l #	47
80) 1,3,5-Trimethylbenzene	13.176	105	33939	1.463	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.847	75	177932	61.000	ug/l #	15
82) 4-Chlorotoluene	13.176	91	4557	0.233	ug/l #	44
83) tert-Butylbenzene	13.482	119	12420	0.621	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.482	105	100632	4.316	ug/l	97
85) sec-Butylbenzene	13.482	105	100632	3.519	ug/l #	60
90) Hexachloroethane	14.335	117	1115	0.252	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.535	75	411	0.234	ug/l	79

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QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

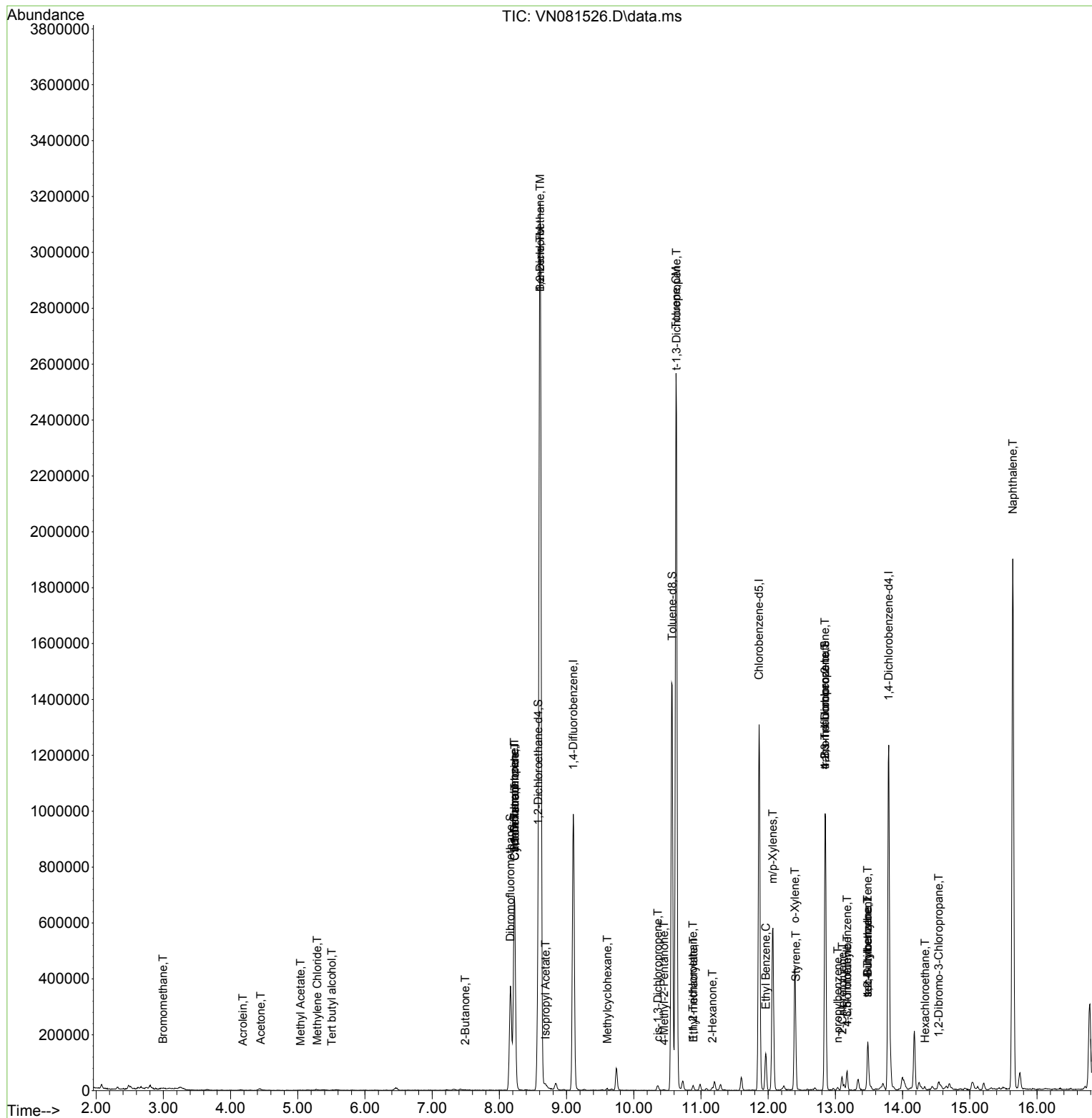
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.641	128	1777308	77.308	ug/l	99

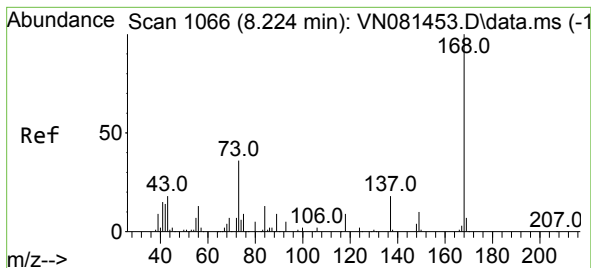
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

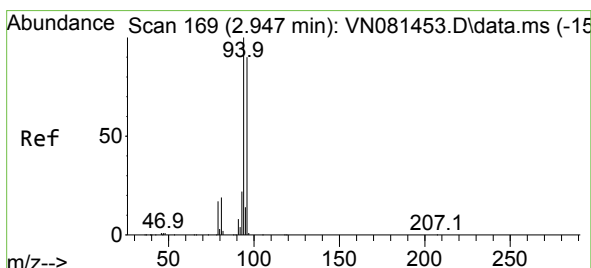
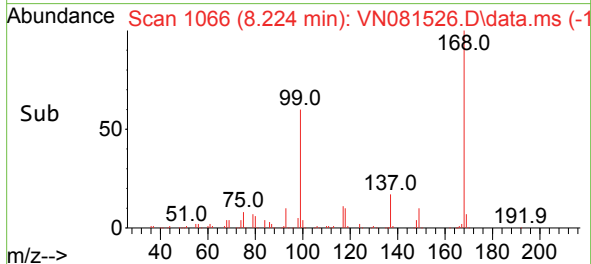
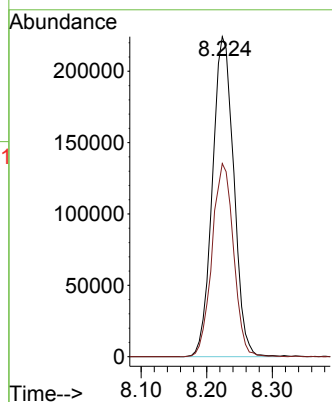
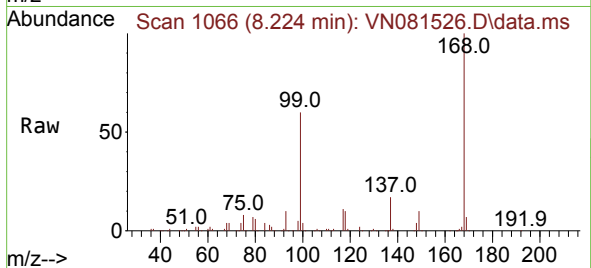
S-9

Tgt Ion:168 Resp: 506510

Ion Ratio Lower Upper

168 100

99 60.3 59.9 89.9



#5

Bromomethane

Concen: 0.235 ug/l

RT: 2.995 min Scan# 177

Delta R.T. 0.047 min

Lab File: VN081526.D

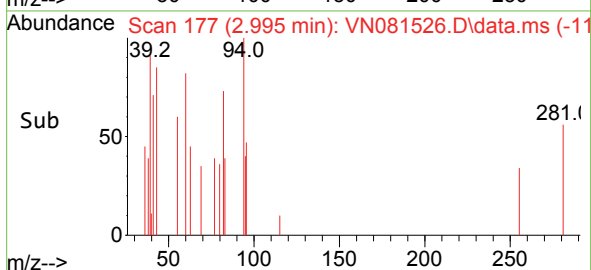
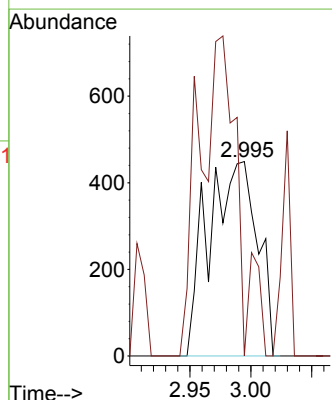
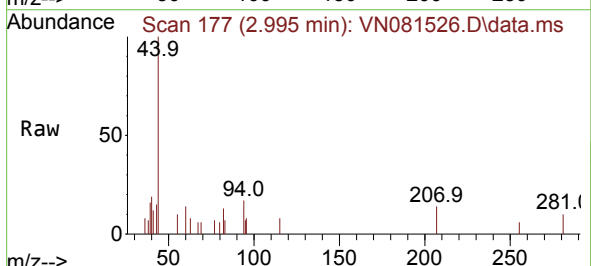
Acq: 21 Mar 2024 17:48

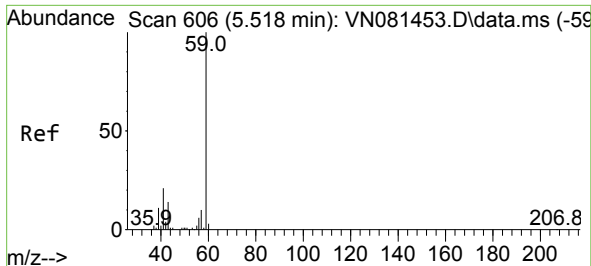
Tgt Ion: 94 Resp: 1268

Ion Ratio Lower Upper

94 100

96 0.0 69.2 103.8#





#11

Tert butyl alcohol

Concen: 0.405 ug/l

RT: 5.506 min Scan# 606

Delta R.T. -0.012 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

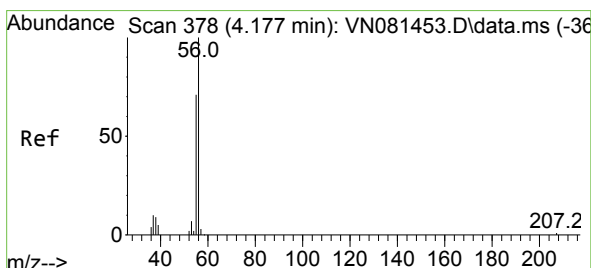
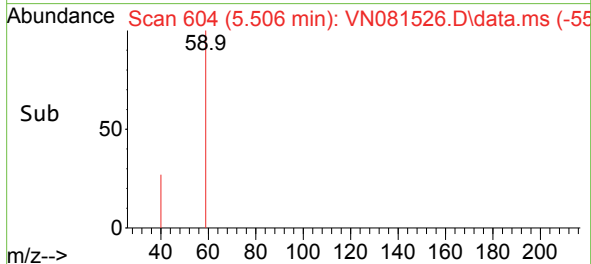
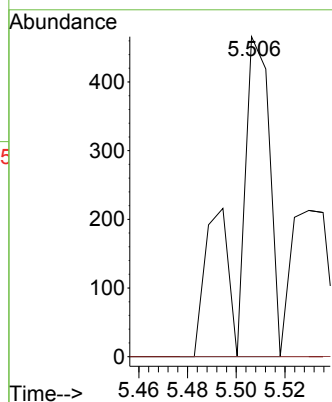
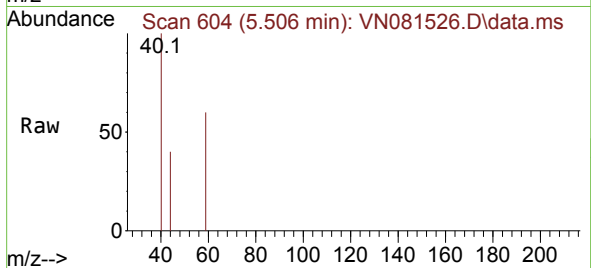
S-9

Tgt Ion: 59 Resp: 456

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.579 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN081526.D

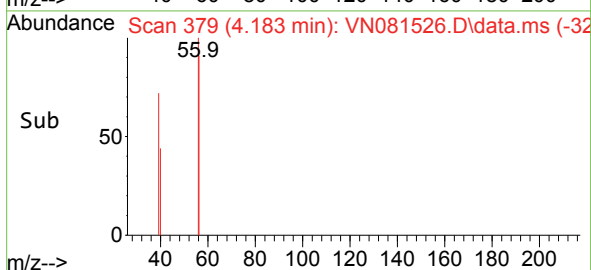
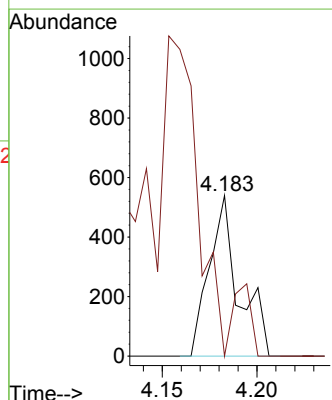
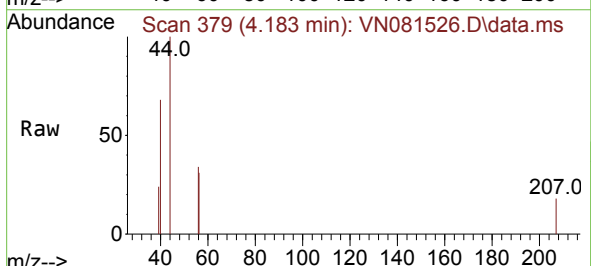
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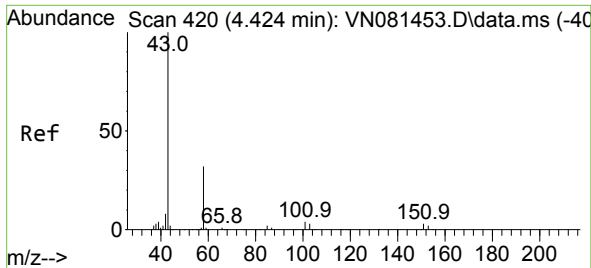
Tgt Ion: 56 Resp: 585

Ion Ratio Lower Upper

56 100

55 0.0 55.3 82.9#





#16

Acetone

Concen: 5.758 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

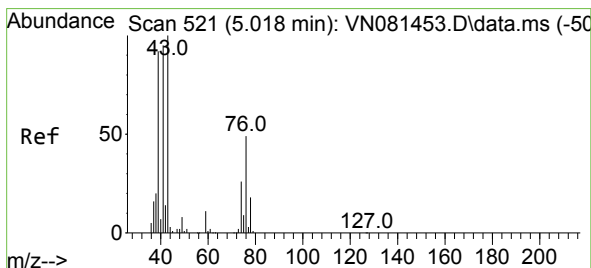
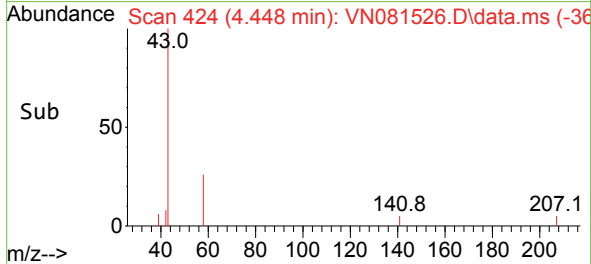
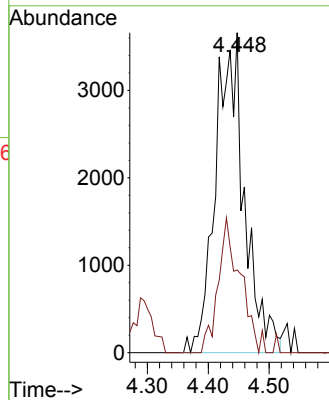
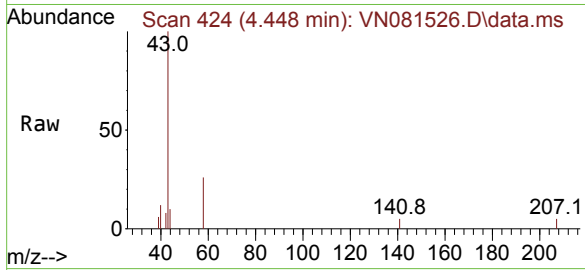
S-9

Tgt Ion: 43 Resp: 12019

Ion Ratio Lower Upper

43 100

58 25.8 24.8 37.2



#18

Methyl Acetate

Concen: 0.304 ug/l

RT: 5.042 min Scan# 525

Delta R.T. 0.024 min

Lab File: VN081526.D

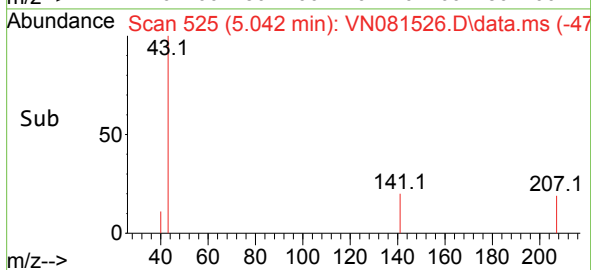
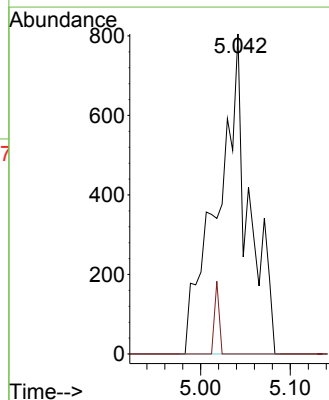
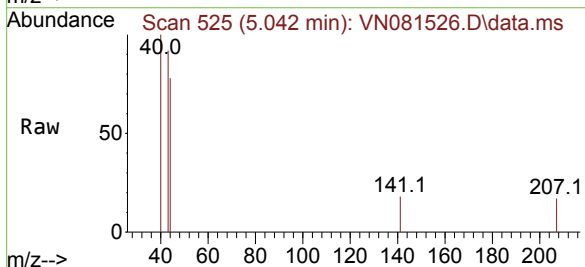
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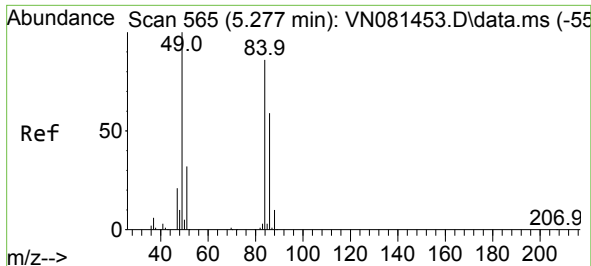
Tgt Ion: 43 Resp: 1959

Ion Ratio Lower Upper

43 100

74 0.0 17.3 25.9#

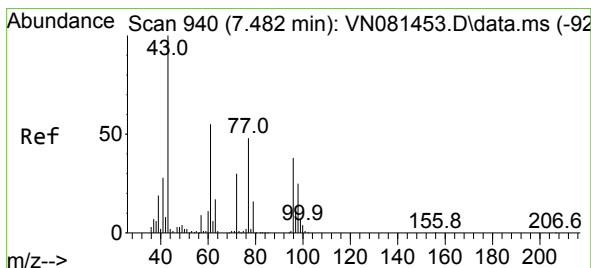
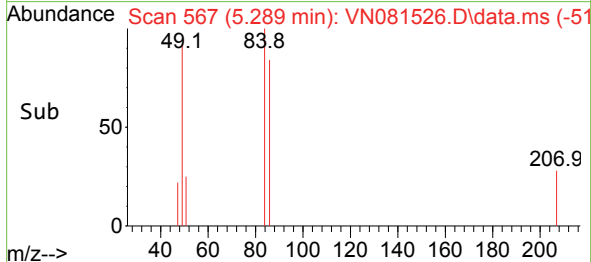
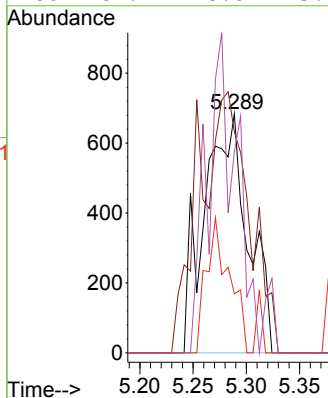
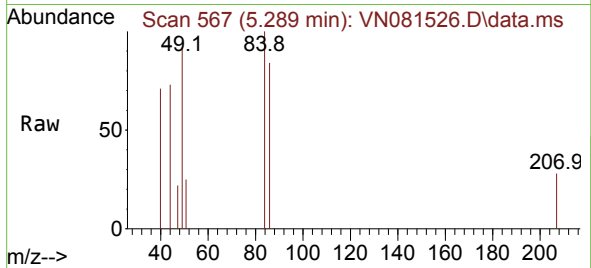




#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

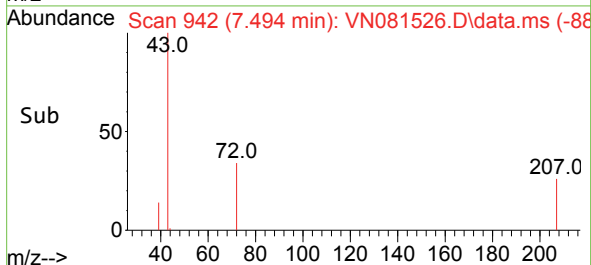
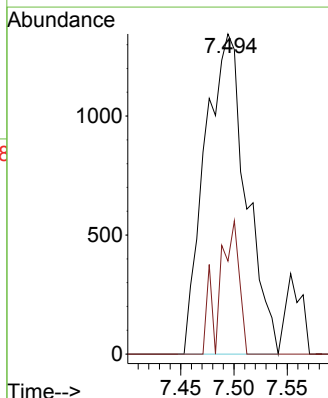
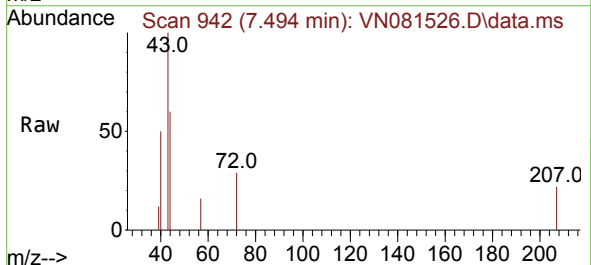
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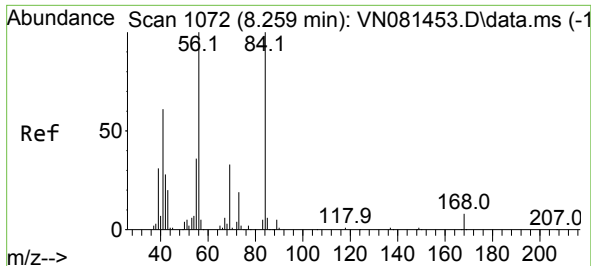
Tgt Ion:	84	Resp:	1950
Ion	Ratio	Lower	Upper
84	100		
49	92.4	108.1	162.1#
51	24.7	32.9	49.3#
86	84.1	48.6	73.0#



#25
2-Butanone
Concen: 1.010 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion:	43	Resp:	3617
Ion	Ratio	Lower	Upper
43	100		
72	29.0	19.5	29.3

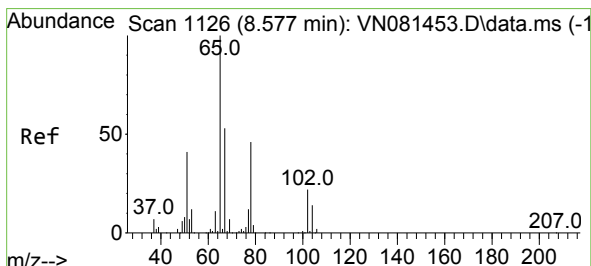
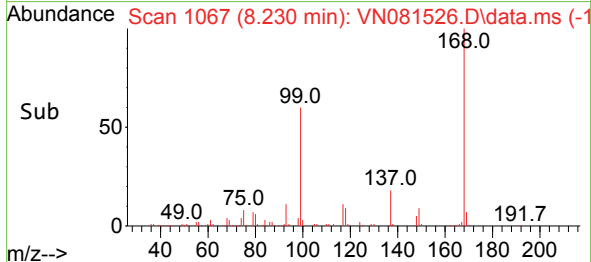
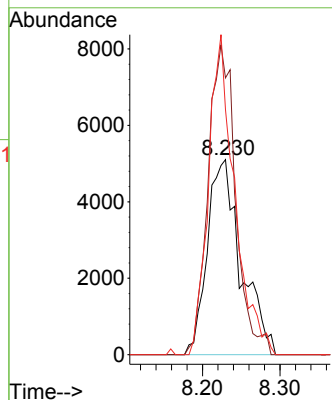
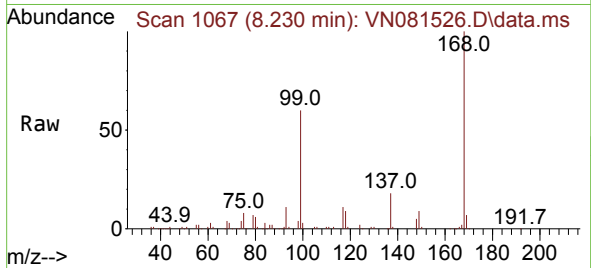




#31
Cyclohexane
Concen: 1.462 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

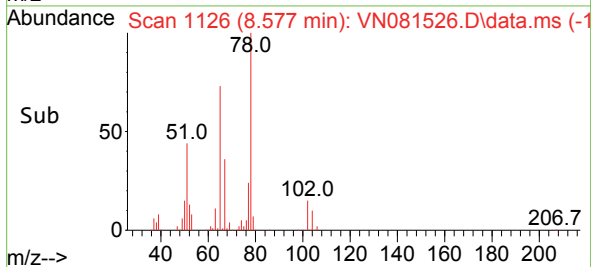
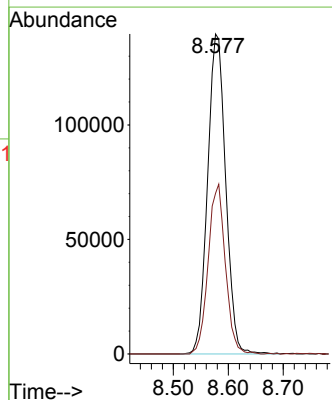
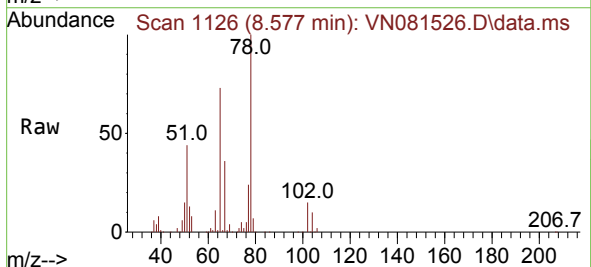
Instrument :
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ClientSampleId :
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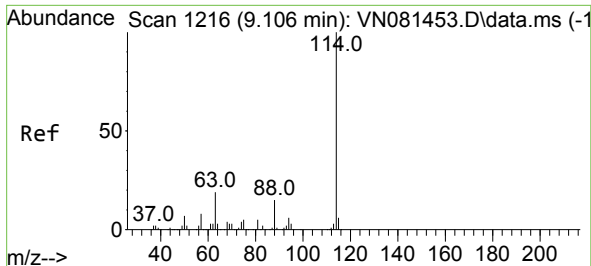
Tgt Ion: 56 Resp: 15369
Ion Ratio Lower Upper
56 100
69 141.9 20.1 30.1#
84 134.1 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.380 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 65 Resp: 318960
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.4

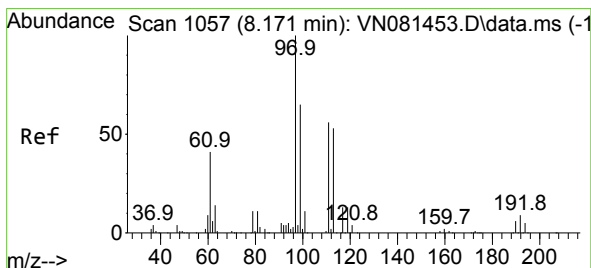
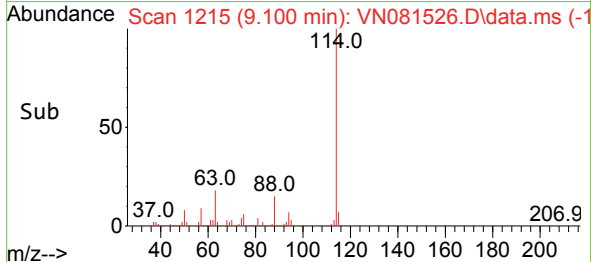
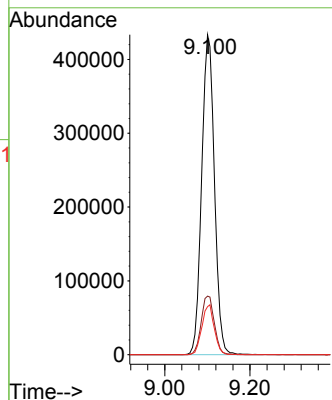
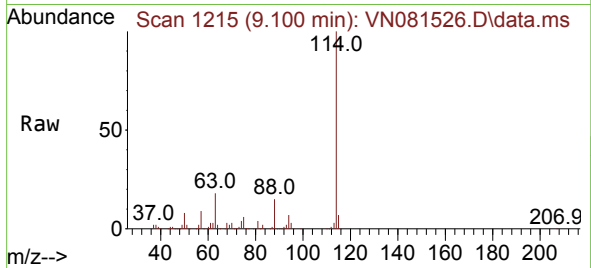




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

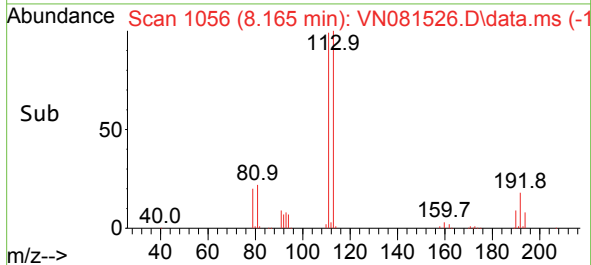
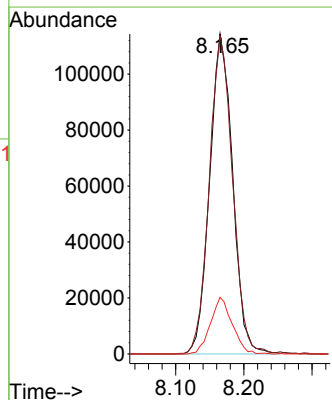
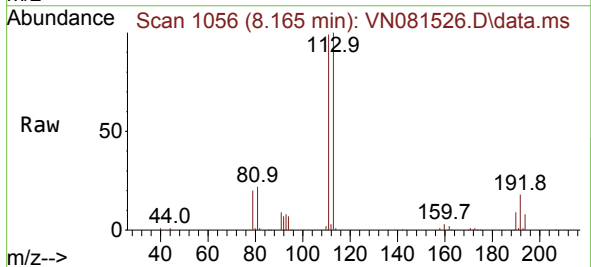
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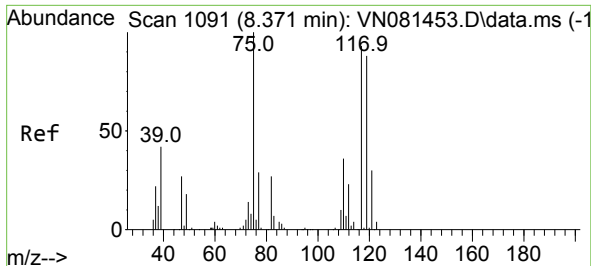
Tgt Ion:114 Resp: 900157
Ion Ratio Lower Upper
114 100
63 18.3 0.0 48.0
88 15.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 47.217 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion:113 Resp: 268238
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 16.7 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.107 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

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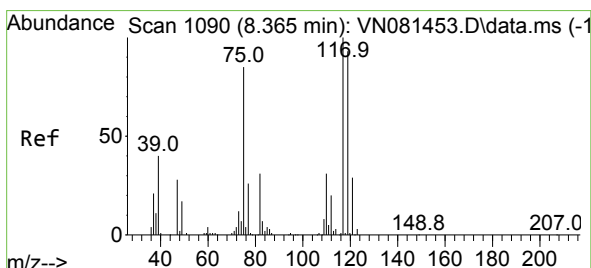
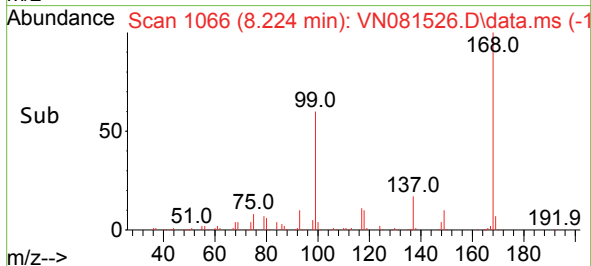
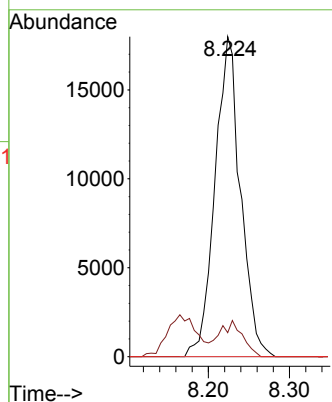
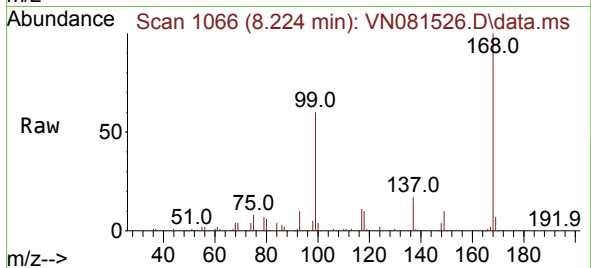
Tgt Ion: 75 Resp: 39265

Ion Ratio Lower Upper

75 100

110 10.3 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.251 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

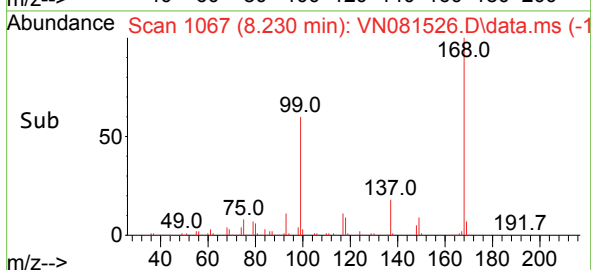
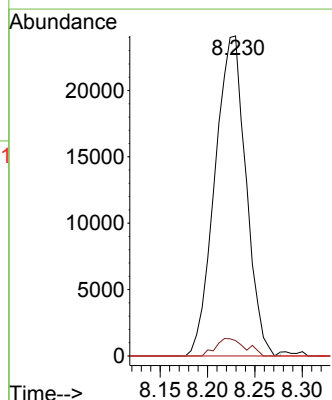
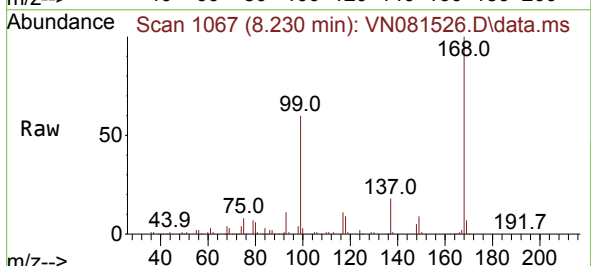
Tgt Ion: 117 Resp: 54998

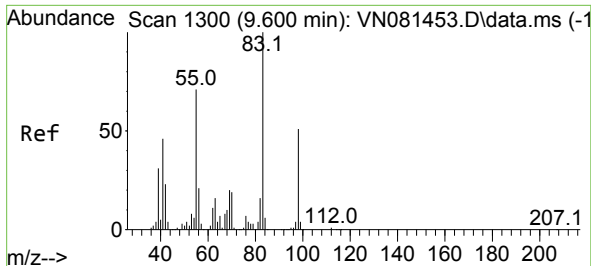
Ion Ratio Lower Upper

117 100

119 4.8 73.4 110.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.207 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

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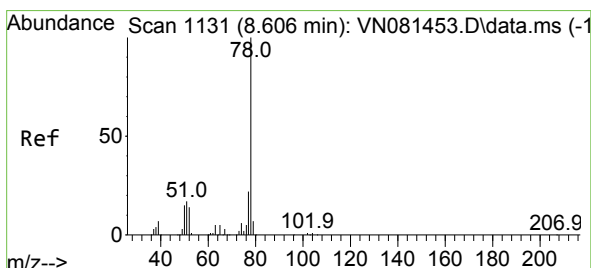
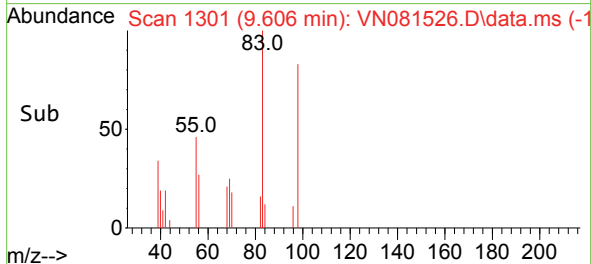
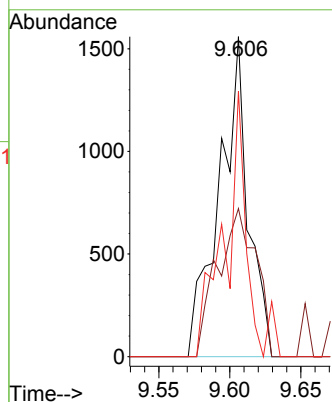
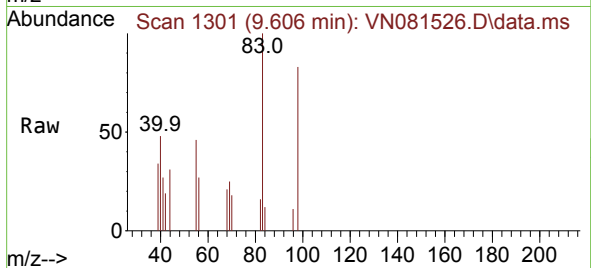
Tgt Ion: 83 Resp: 2205

Ion Ratio Lower Upper

83 100

55 46.3 65.7 98.5#

98 82.9 33.8 50.6#



#40

Benzene

Concen: 119.217 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081526.D

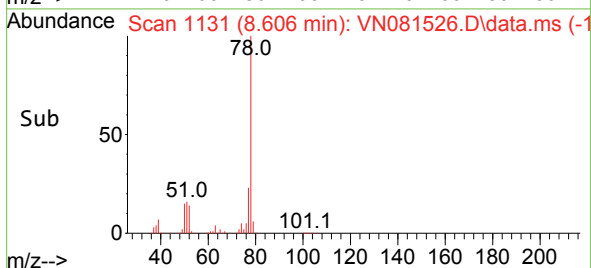
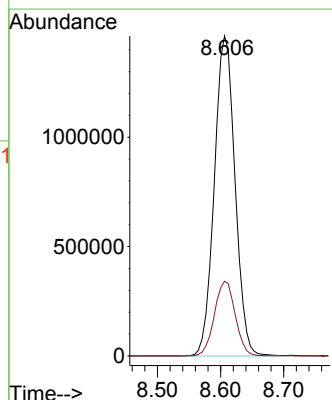
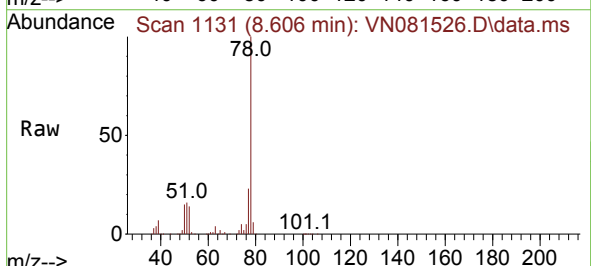
Acq: 21 Mar 2024 17:48

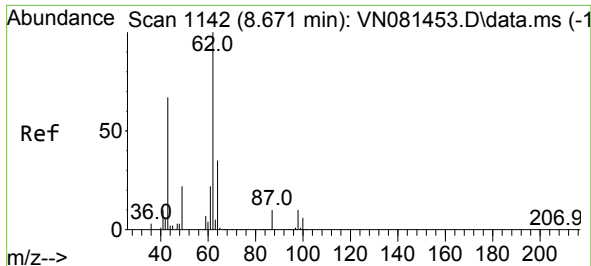
Tgt Ion: 78 Resp: 3332139

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6





#42

1,2-Dichloroethane

Concen: 2.888 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.065 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

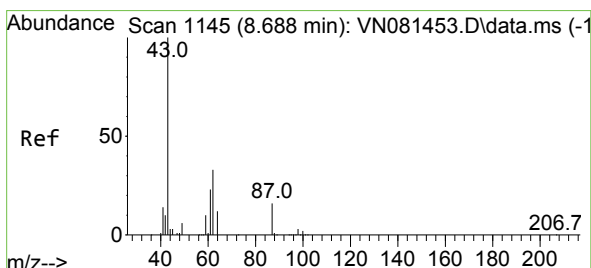
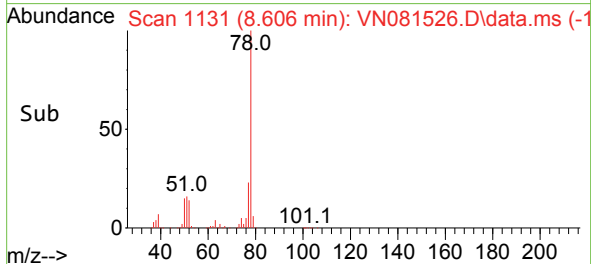
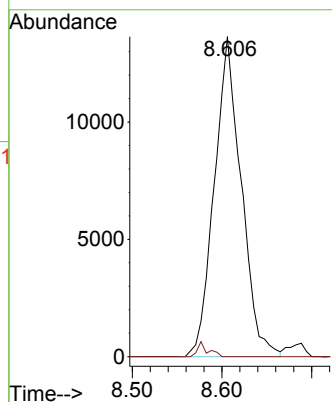
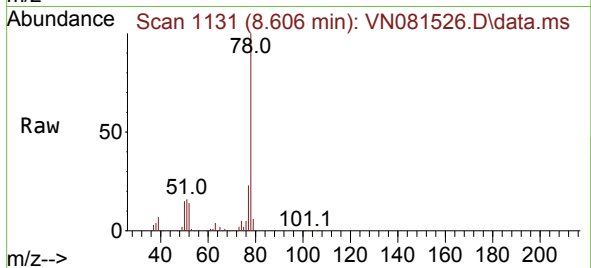
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Tgt Ion: 62 Resp: 28406

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 1.356 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

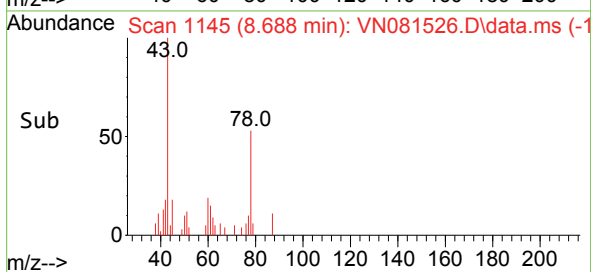
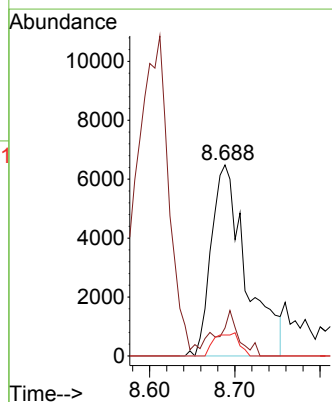
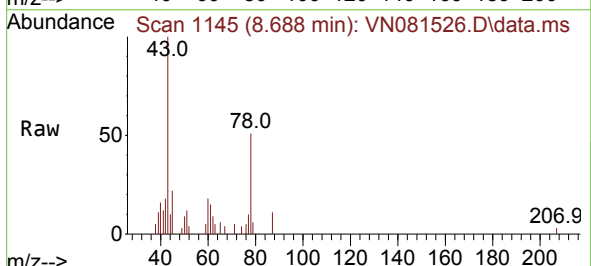
Tgt Ion: 43 Resp: 18395

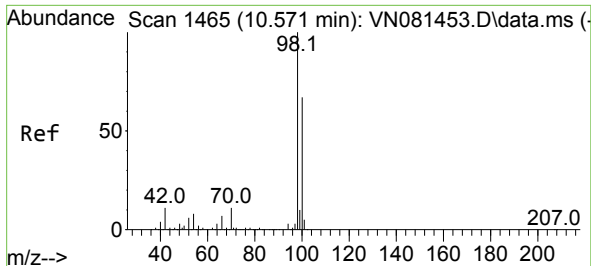
Ion Ratio Lower Upper

43 100

61 14.6 19.9 29.9#

87 8.6 9.0 13.6#

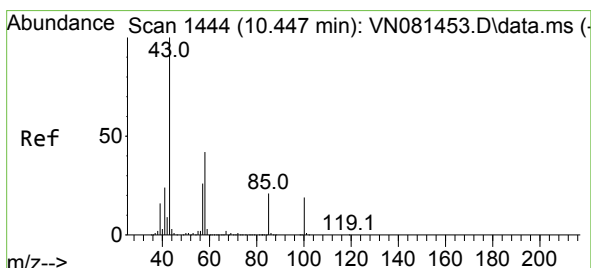
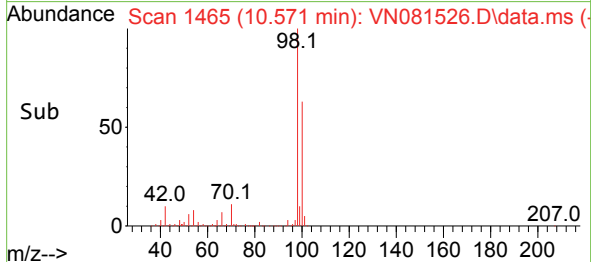
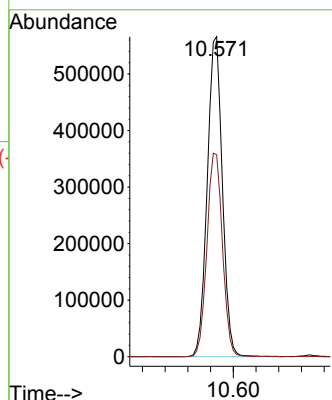
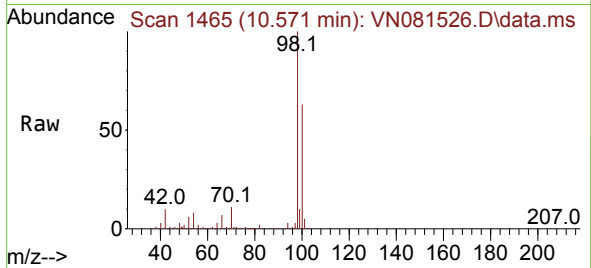




#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

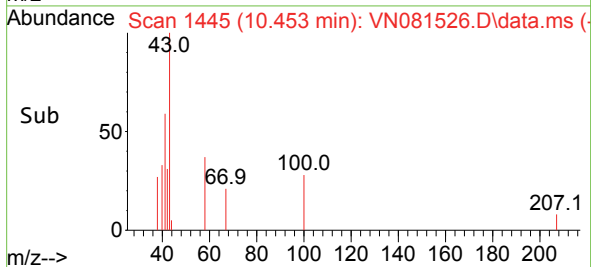
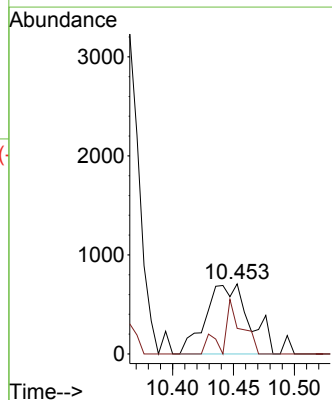
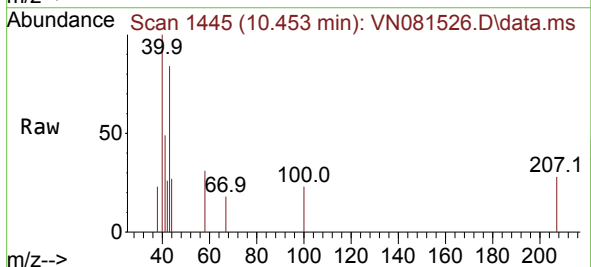
Instrument :
MSVOA_N
ClientSampleId :
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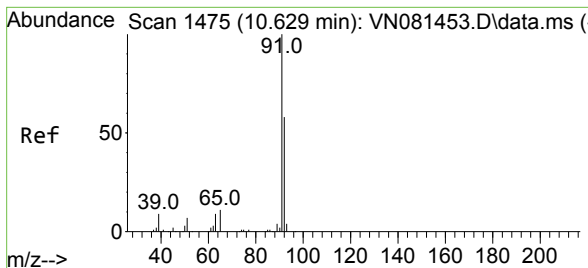
Tgt Ion: 98 Resp: 1039658
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.212 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
58 32.9 29.4 44.0





#52

Toluene

Concen: 64.965 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

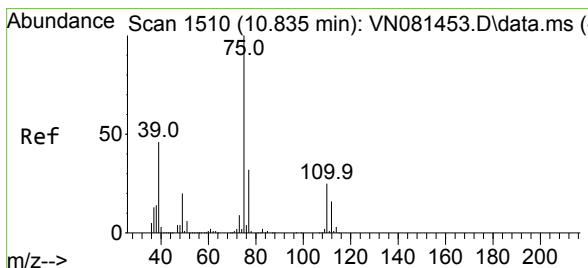
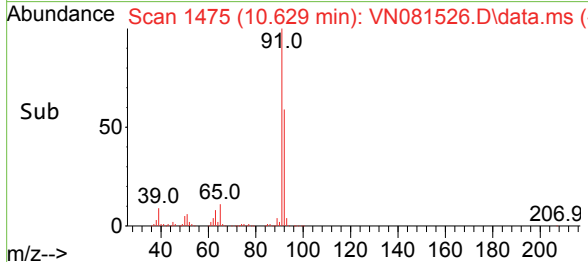
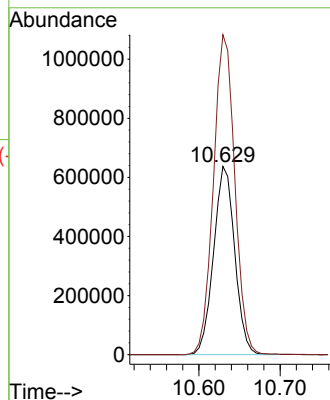
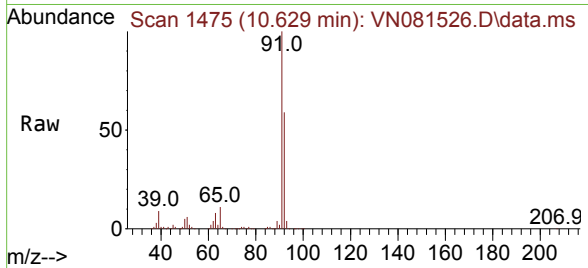
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Tgt Ion: 92 Resp: 1154111

Ion Ratio Lower Upper

92 100

91 171.9 139.4 209.0



#53

t-1,3-Dichloropropene

Concen: 1.340 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.200 min

Lab File: VN081526.D

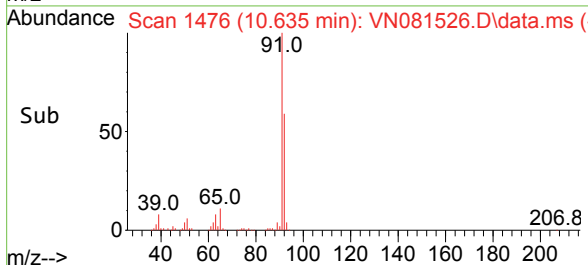
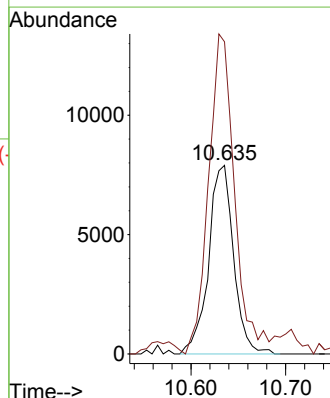
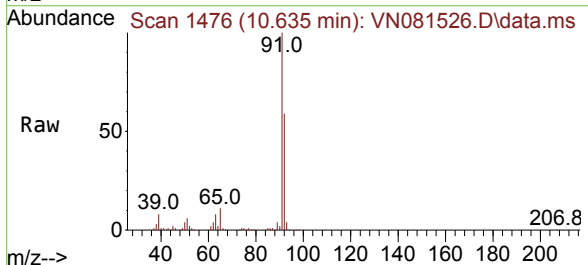
Acq: 21 Mar 2024 17:48

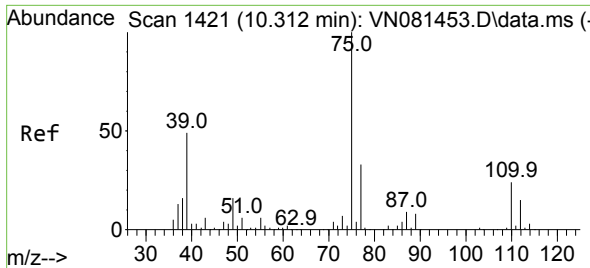
Tgt Ion: 75 Resp: 14558

Ion Ratio Lower Upper

75 100

77 163.5 25.5 38.3#

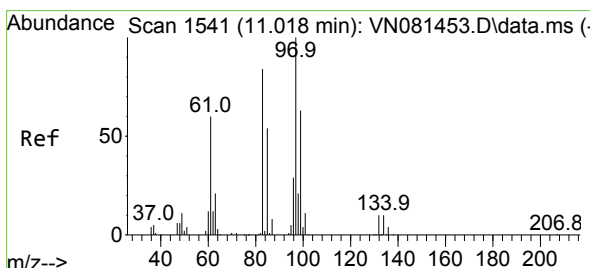
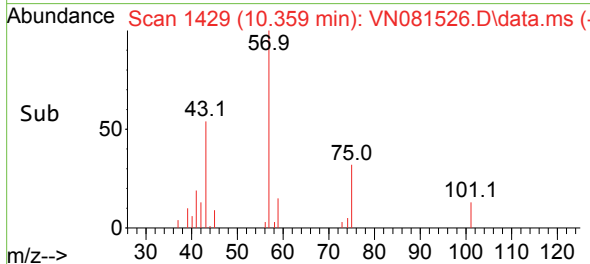
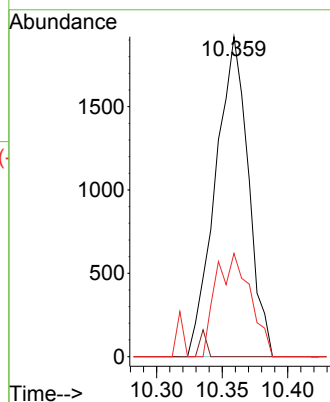
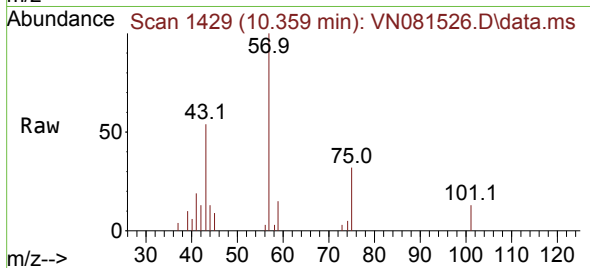




#54
 cis-1,3-Dichloropropene
 Concen: 0.287 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN081526.D
 Acq: 21 Mar 2024 17:48

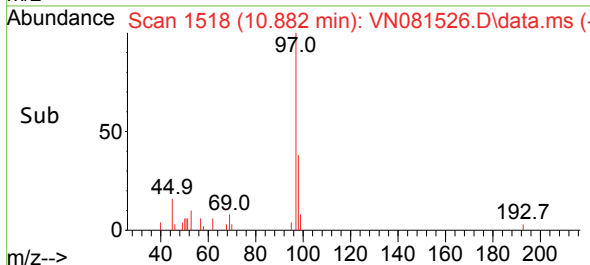
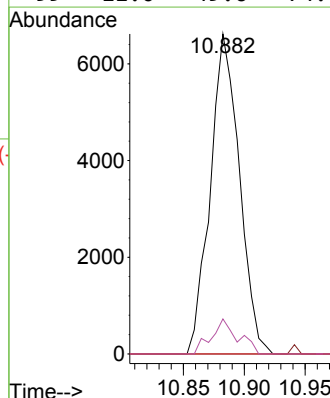
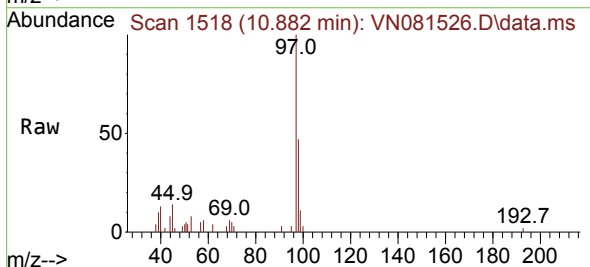
Instrument :
 MSVOA_N
 ClientSampleId :
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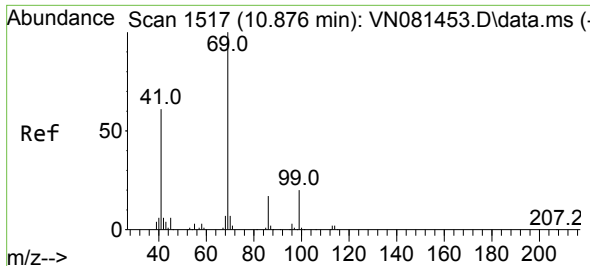
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.3	34.9#
39	32.2	44.6	66.8#



#55
 1,1,2-Trichloroethane
 Concen: 1.537 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. -0.135 min
 Lab File: VN081526.D
 Acq: 21 Mar 2024 17:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.9	109.3#
85	0.0	50.2	75.2#
99	11.0	49.6	74.4#

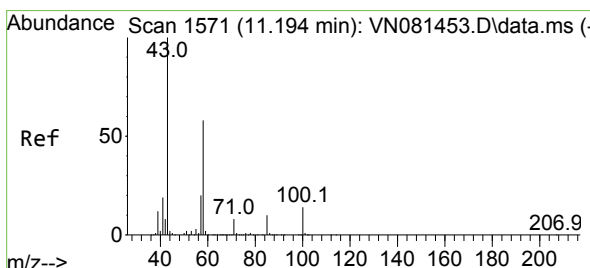
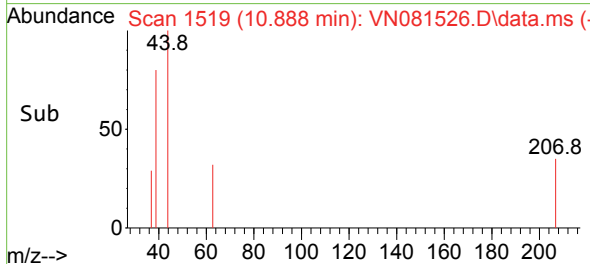
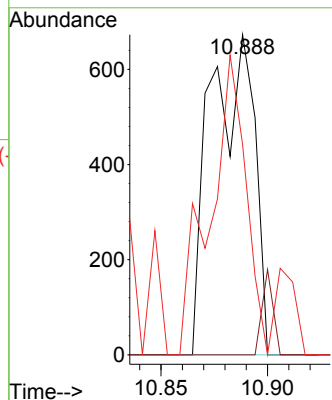
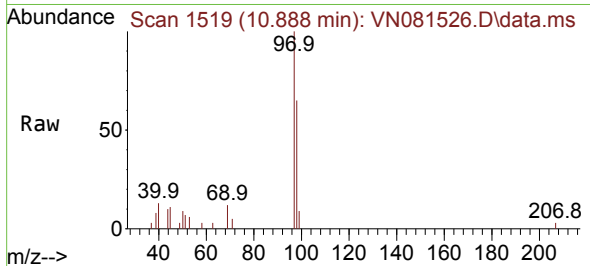




#56
Ethyl methacrylate
Concen: 0.670 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.012 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

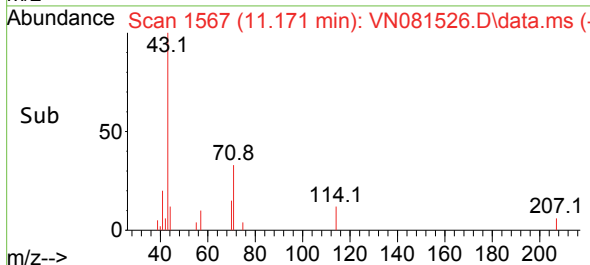
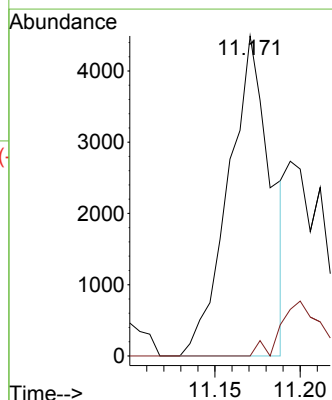
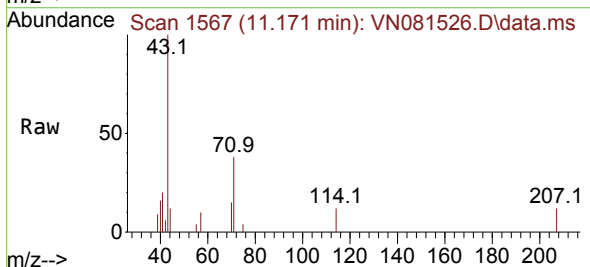
Instrument :
MSVOA_N
ClientSampleId :
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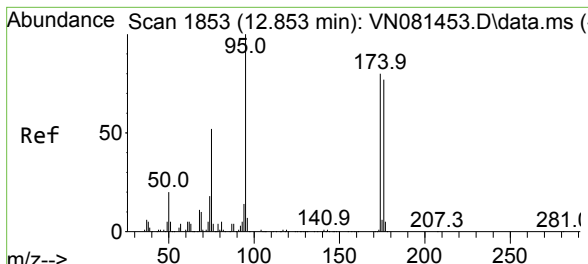
Tgt Ion: 69 Resp: 969
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 0.0 31.8 47.6#



#59
2-Hexanone
Concen: 1.262 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 43 Resp: 7726
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#

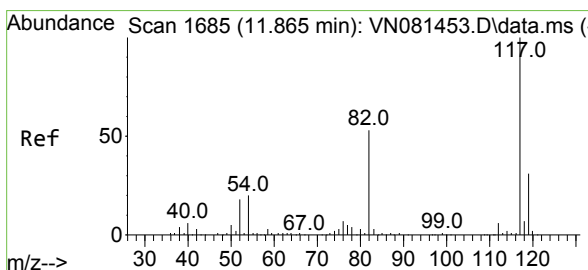
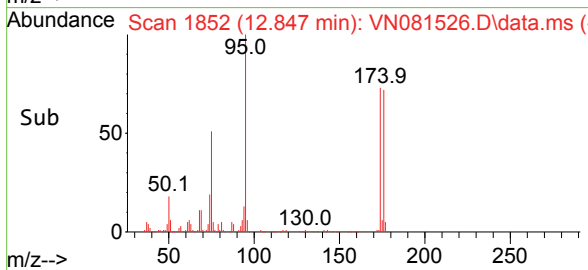
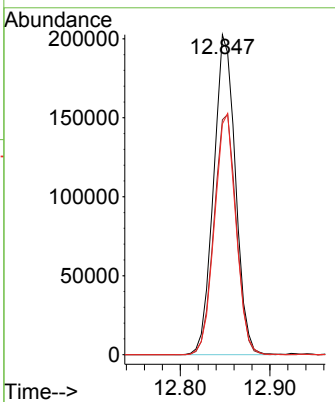
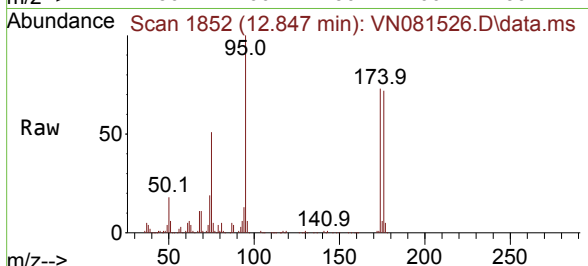




#62
4-Bromofluorobenzene
Concen: 47.260 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

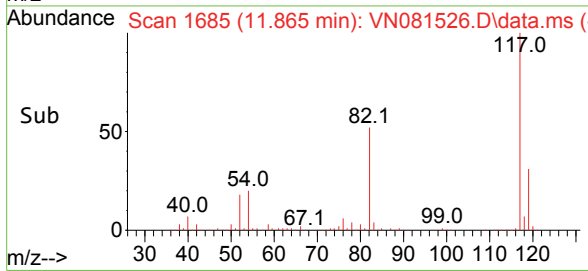
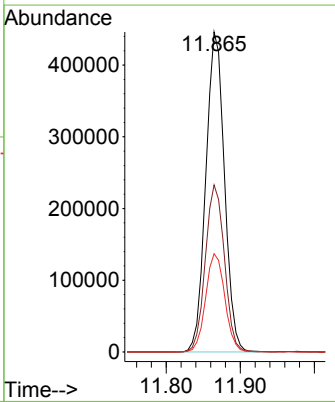
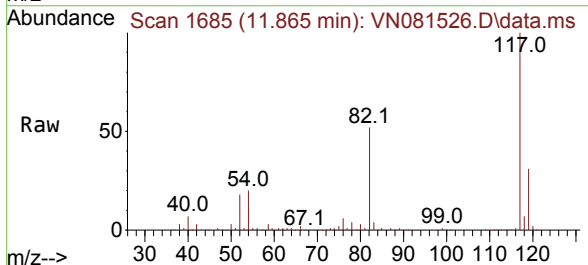
Instrument :
MSVOA_N
ClientSampleId :
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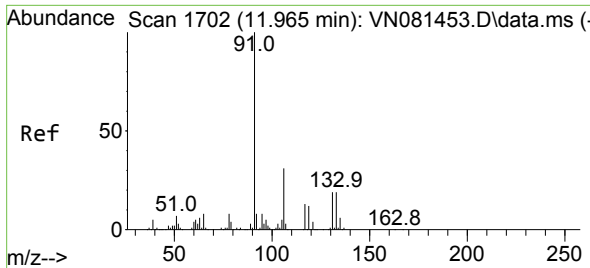
Tgt Ion:	95	Resp:	341971
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	120.4
176	74.3	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion:	117	Resp:	777823
Ion	Ratio	Lower	Upper
117	100		
82	52.2	52.7	79.1#
119	30.7	25.3	37.9

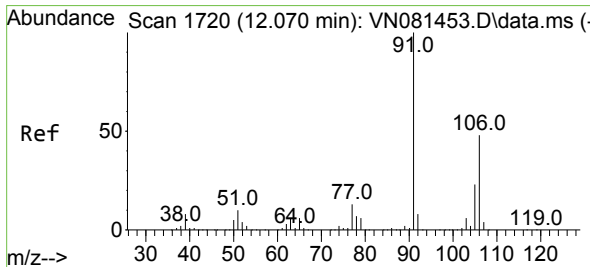
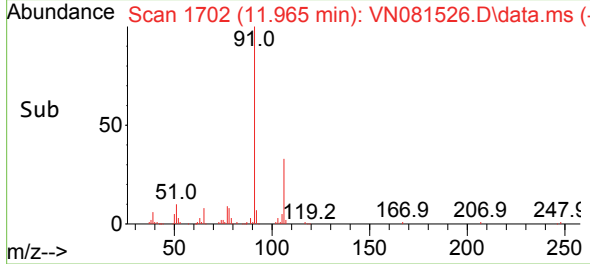
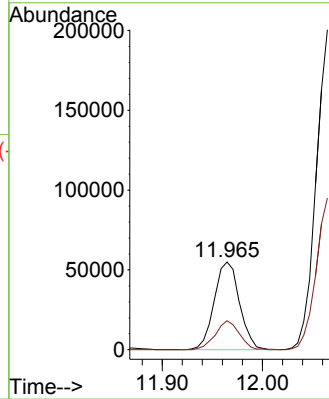
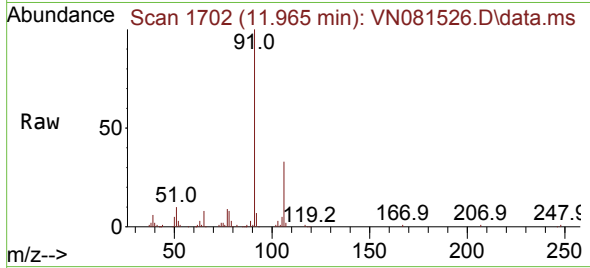




#67
Ethyl Benzene
Concen: 2.999 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

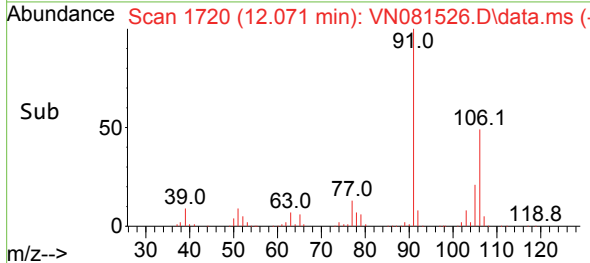
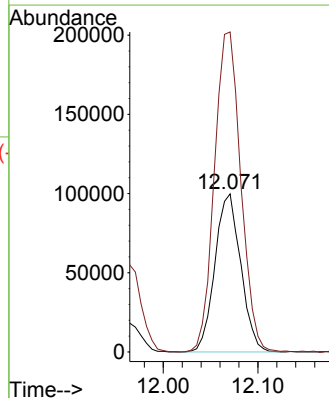
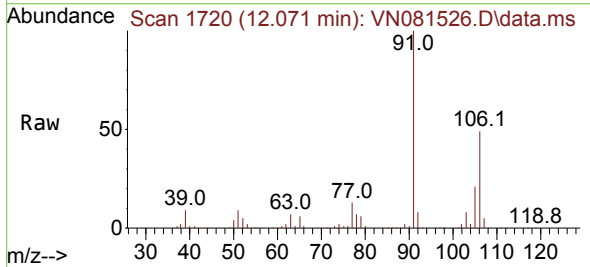
Instrument :
MSVOA_N
ClientSampleId :
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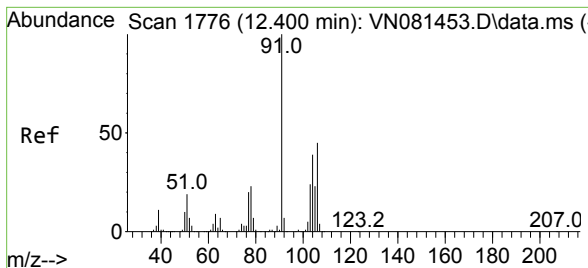
Tgt Ion: 91 Resp: 95798
Ion Ratio Lower Upper
91 100
106 33.0 23.8 35.6



#68
m/p-Xylenes
Concen: 15.790 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion:106 Resp: 189066
Ion Ratio Lower Upper
106 100
91 207.2 169.0 253.6

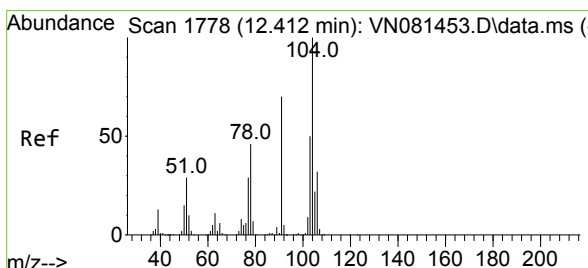
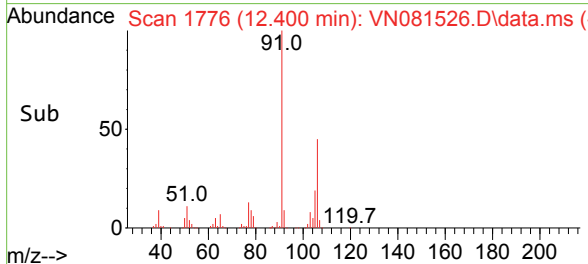
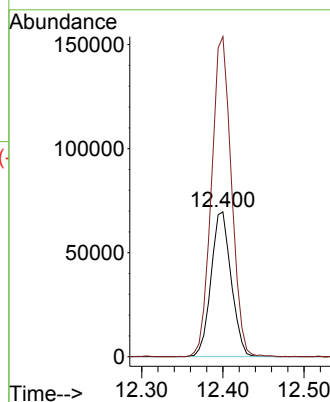
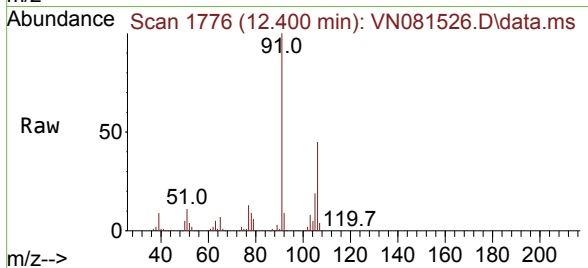




#69
o-Xylene
Concen: 10.193 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

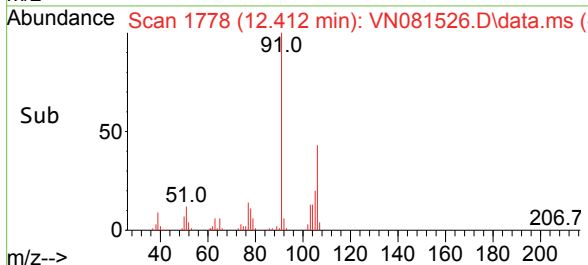
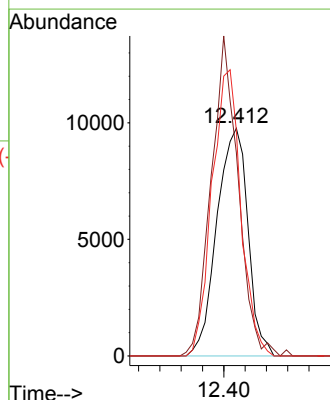
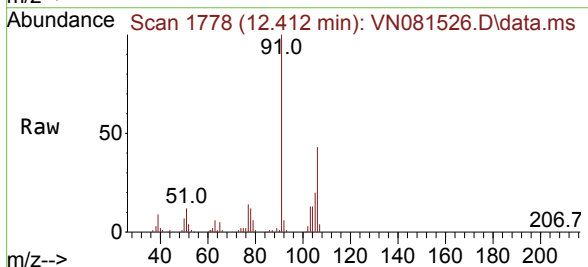
Instrument :
MSVOA_N
ClientSampleId :
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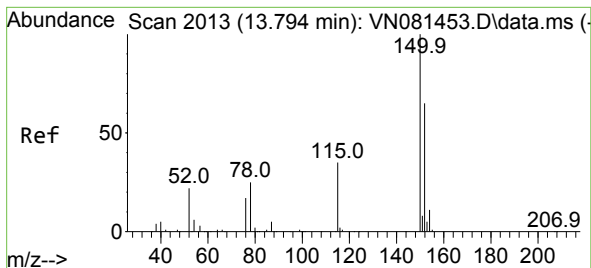
Tgt Ion:106 Resp: 119824
Ion Ratio Lower Upper
106 100
91 219.1 112.1 336.3



#70
Styrene
Concen: 1.041 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

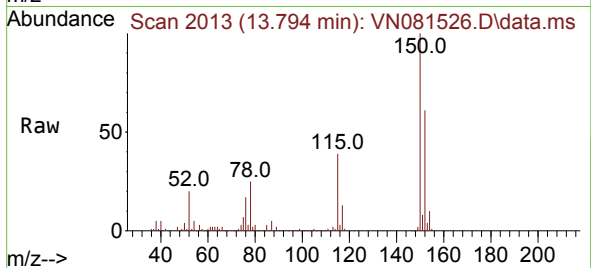
Tgt Ion:104 Resp: 19738
Ion Ratio Lower Upper
104 100
78 122.4 43.8 65.8#
103 116.8 44.2 66.2#



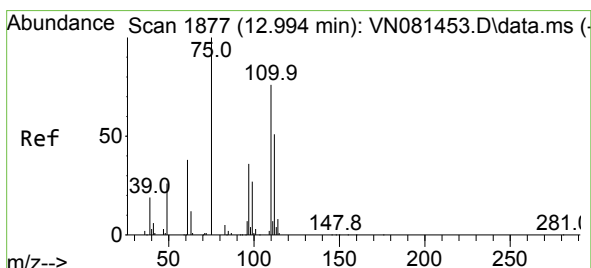
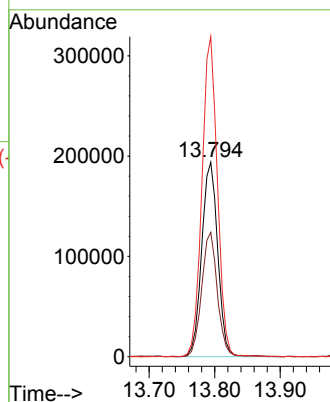
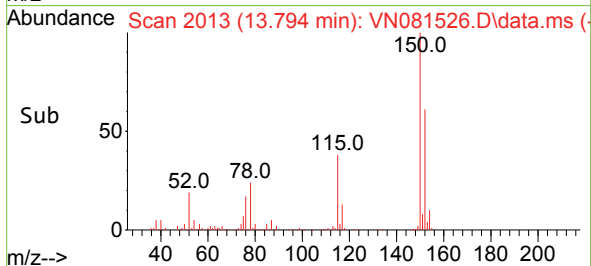


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
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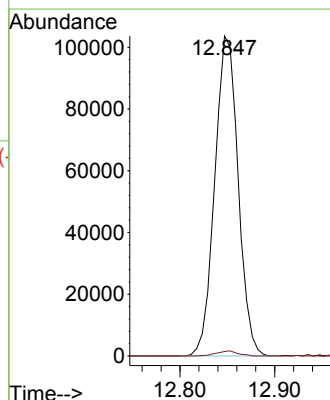
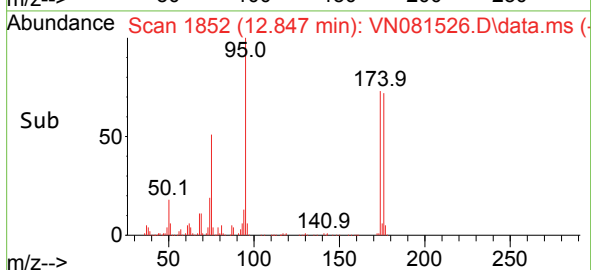
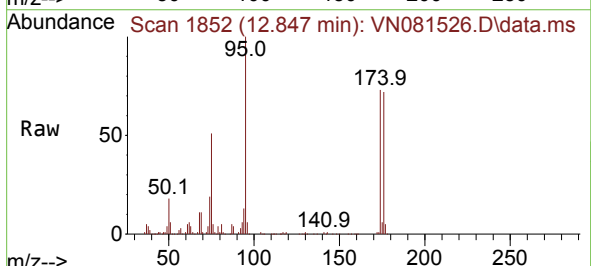


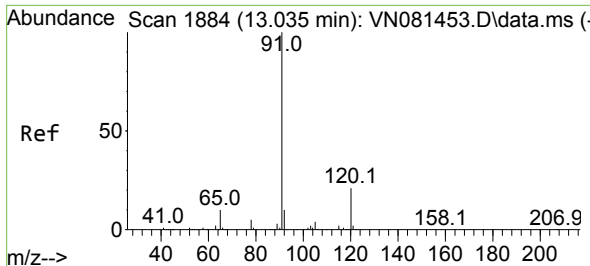
Tgt Ion:152 Resp: 329527
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 158.6 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 22.573 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 75 Resp: 177932
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#

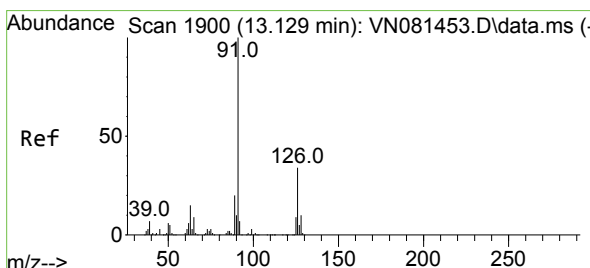
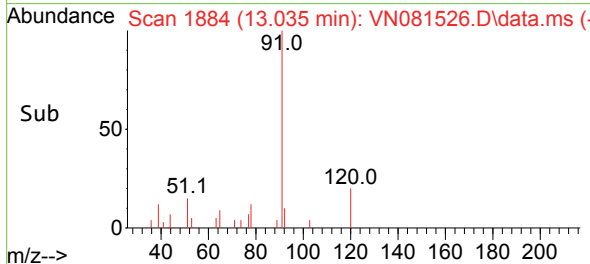
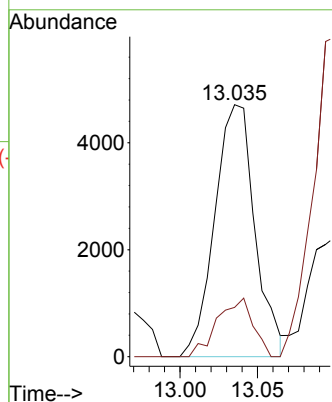
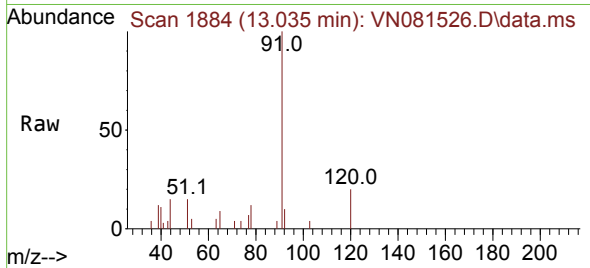




#78
n-propylbenzene
Concen: 0.256 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

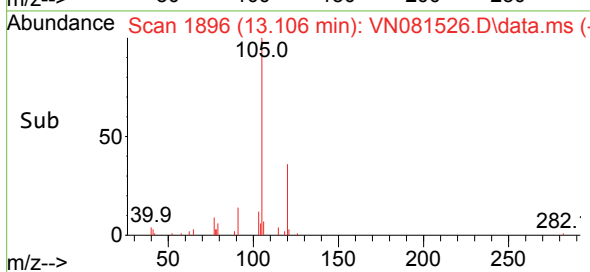
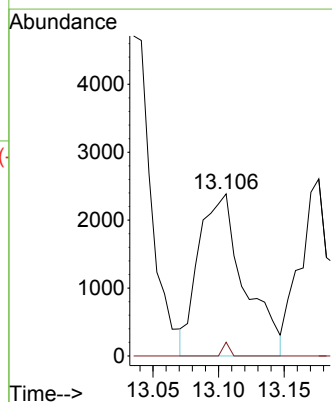
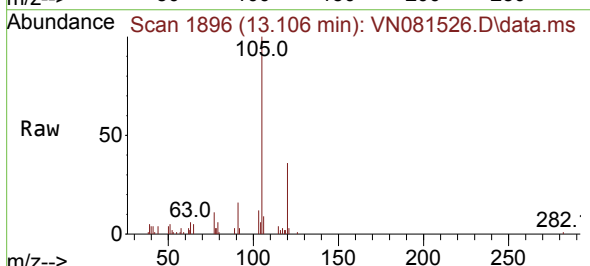
Instrument :
MSVOA_N
ClientSampleId :
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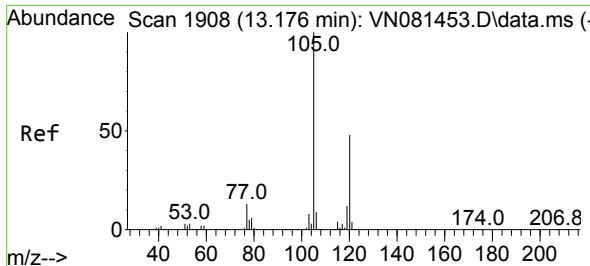
Tgt Ion: 91 Resp: 8486
Ion Ratio Lower Upper
91 100
120 20.6 10.3 30.9



#79
2-Chlorotoluene
Concen: 0.290 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.023 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 91 Resp: 5764
Ion Ratio Lower Upper
91 100
126 1.2 14.8 44.4#

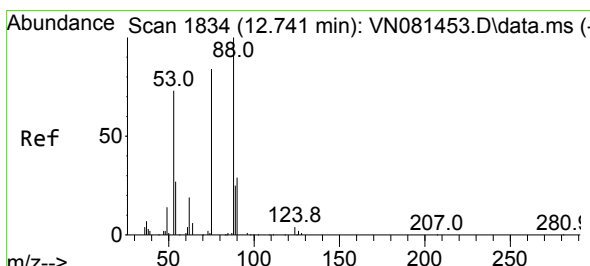
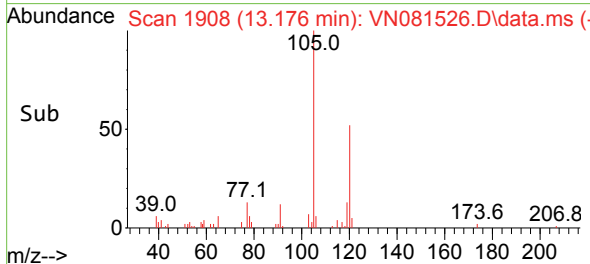
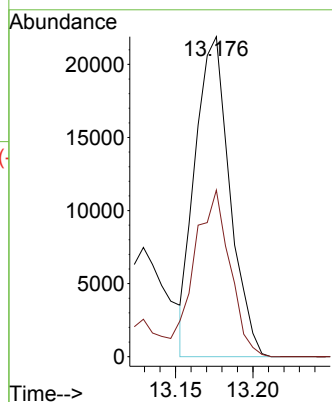
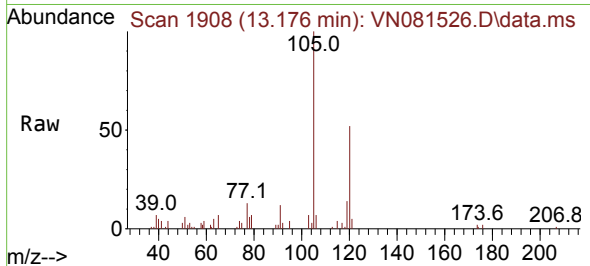




#80
 1,3,5-Trimethylbenzene
 Concen: 1.463 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081526.D
 Acq: 21 Mar 2024 17:48

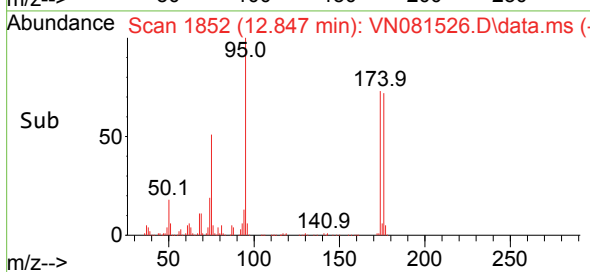
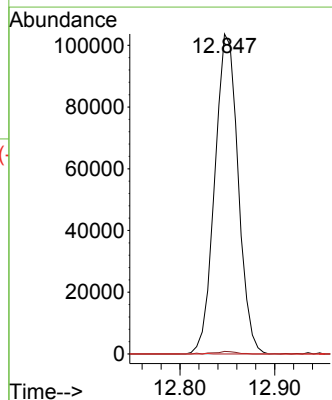
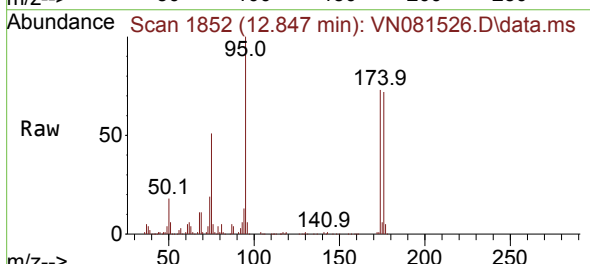
Instrument :
 MSVOA_N
 ClientSampleId :
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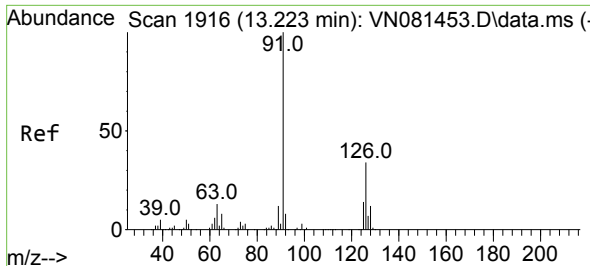
Tgt Ion:105 Resp: 33939
 Ion Ratio Lower Upper
 105 100
 120 53.3 23.0 69.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.000 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081526.D
 Acq: 21 Mar 2024 17:48

Tgt Ion: 75 Resp: 177932
 Ion Ratio Lower Upper
 75 100
 53 0.7 71.4 107.2#
 89 0.0 33.4 50.0#

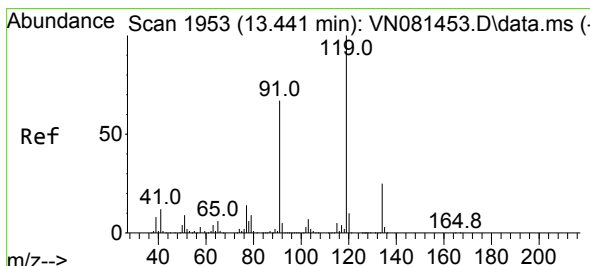
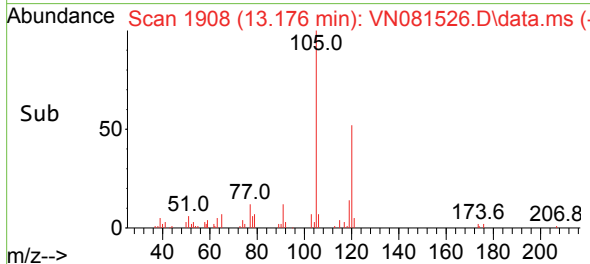
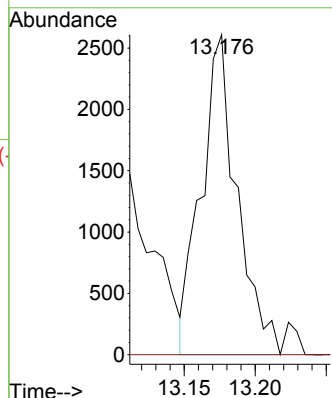
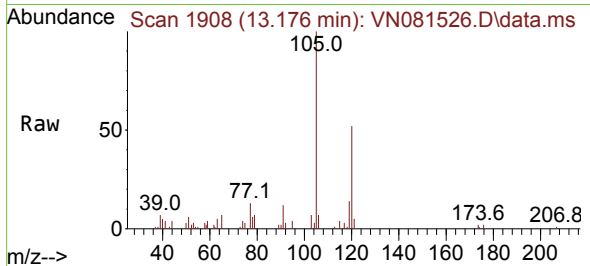




#82
4-Chlorotoluene
Concen: 0.233 ug/l
RT: 13.176 min Scan# 1916
Delta R.T. -0.047 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

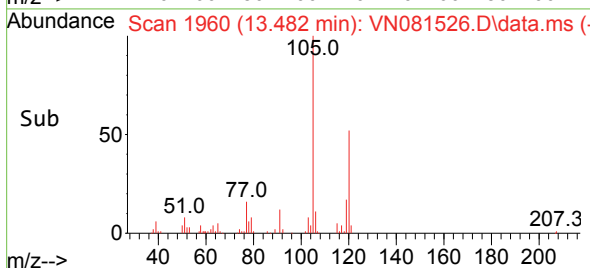
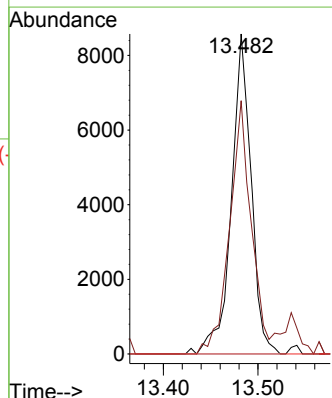
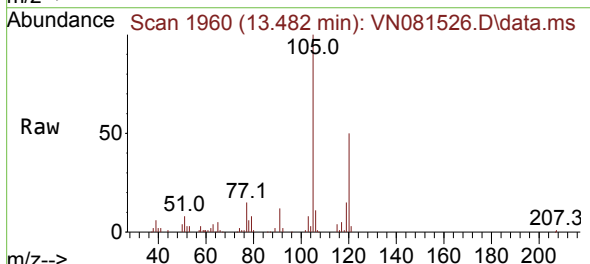
Instrument :
MSVOA_N
ClientSampleId :
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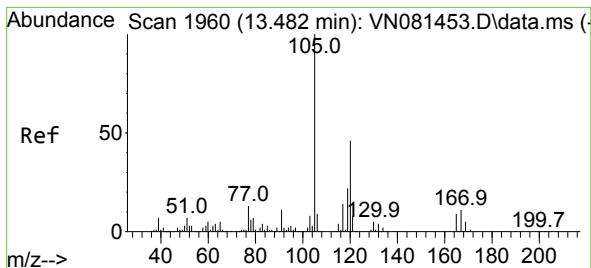
Tgt Ion: 91 Resp: 4557
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#



#83
tert-Butylbenzene
Concen: 0.621 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Tgt Ion: 119 Resp: 12420
Ion Ratio Lower Upper
119 100
91 86.4 36.8 110.4
134 0.0 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 4.316 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

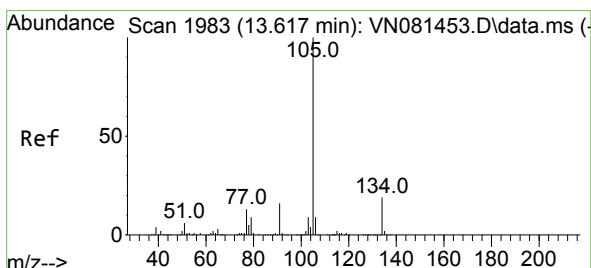
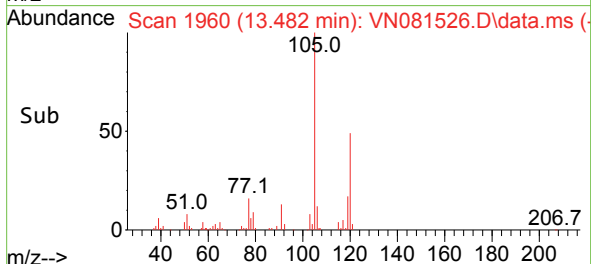
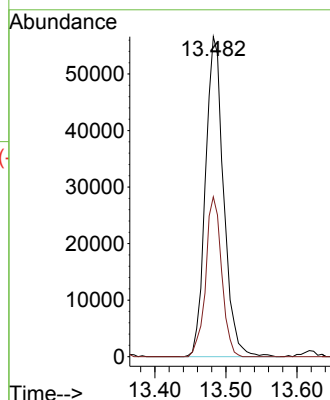
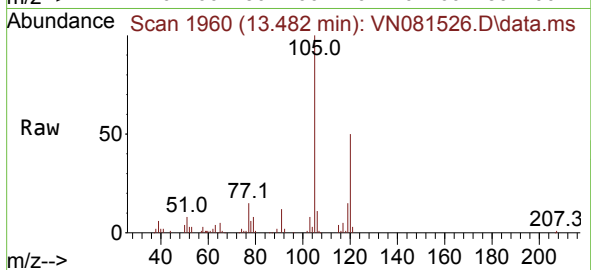
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Tgt Ion:105 Resp: 100632

Ion Ratio Lower Upper

105 100

120 43.8 20.9 62.7



#85

sec-Butylbenzene

Concen: 3.519 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN081526.D

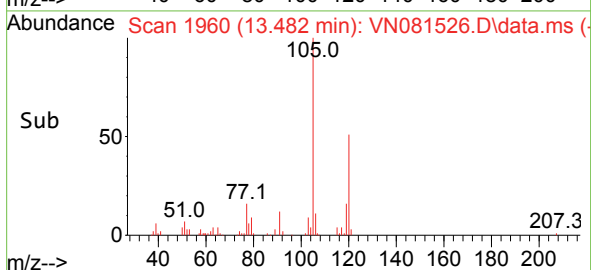
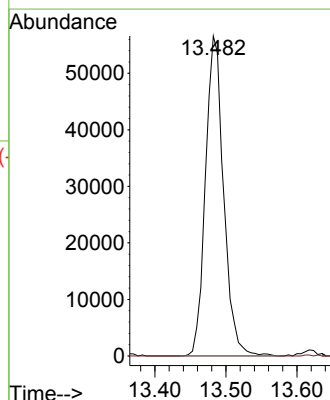
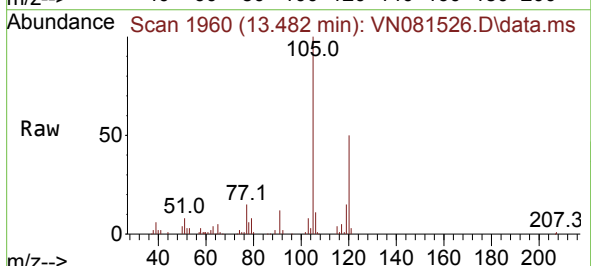
Acq: 21 Mar 2024 17:48

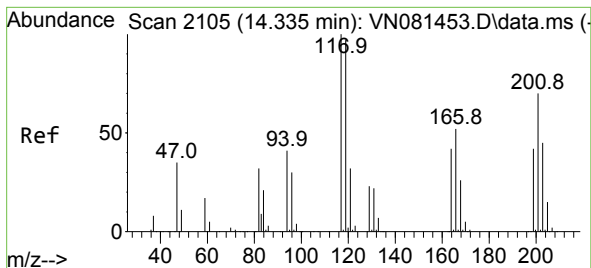
Tgt Ion:105 Resp: 100632

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#





#90

Hexachloroethane

Concen: 0.252 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

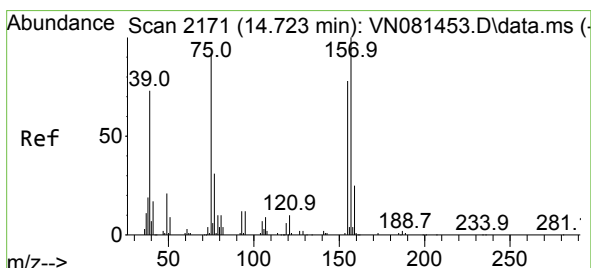
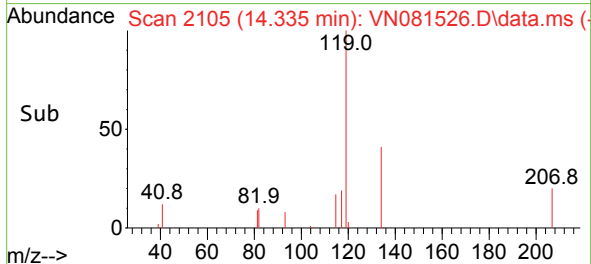
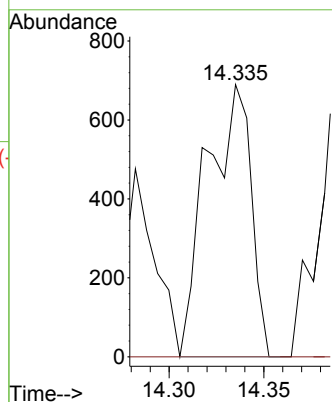
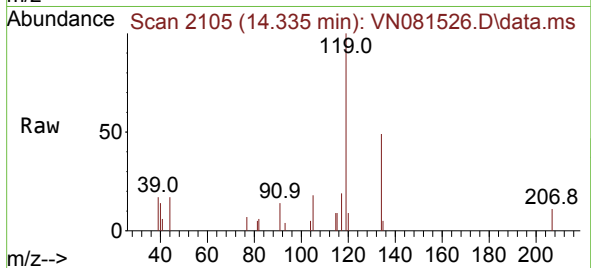
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Tgt Ion:117 Resp: 1115

Ion Ratio Lower Upper

117 100

201 0.0 30.0 90.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.234 ug/l

RT: 14.535 min Scan# 2139

Delta R.T. -0.188 min

Lab File: VN081526.D

Acq: 21 Mar 2024 17:48

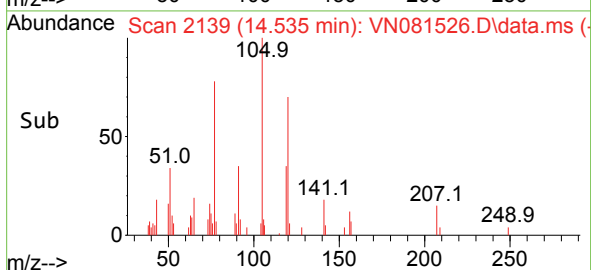
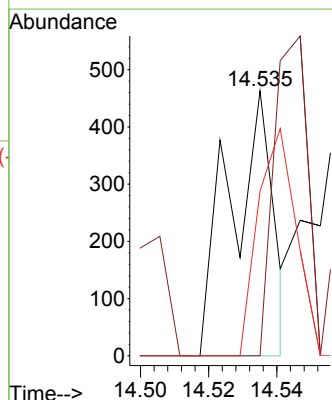
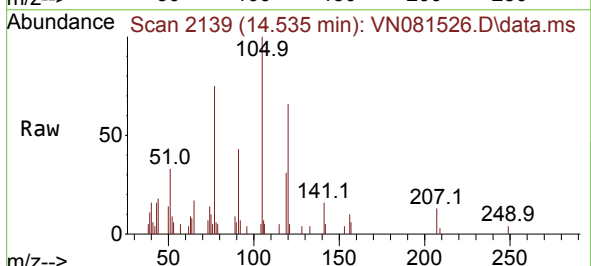
Tgt Ion: 75 Resp: 411

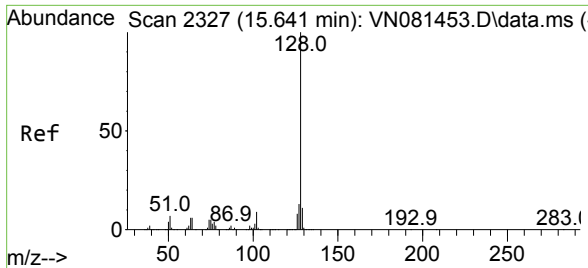
Ion Ratio Lower Upper

75 100

155 92.2 31.8 95.4

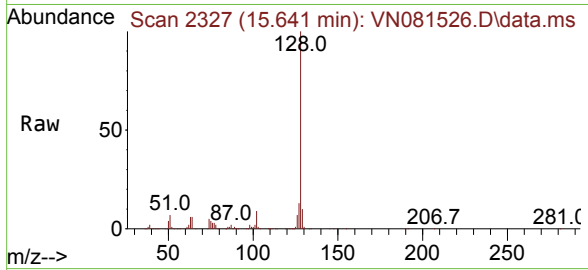
157 74.7 41.1 123.4





#95
Naphthalene
Concen: 77.308 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081526.D
Acq: 21 Mar 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 1777308

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.6	8.7	13.1

